JCO7 Rec'd PCT/PTO 03 MAY 2005

FORM PTO-139	0	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No.
		TO THE UNITED STATES	2937-128
_		ED OFFICE (DO/EO/US) G UNDER 35 U.S.C. 371	U.S. Application No. (if known)
INTERNA PCT/FR03	TIONAL APPLICATION NO. 3/01995	INTERNATIONAL FILING DATE June 27, 2003	PRIORITY DATE CLAIMED July 1, 2002
	INVENTION R AND RECHARGE DEVICE		
	NT(S) FOR DO/EO/US jues DAMLAMIAN, Didier MAF	RQUET	
Applicant informatio		States Designated/Elected Office (DO/EO/	US) the following items and other
1. []	This is a FIRST submission of	of items concerning a filing under 35 U.S.C.	371
2. [X]	This is a SECOND or SUBS	EQUENT submission of items concerning a	filing under 35 U.S.C. 371.
3. []	This is an express request to include items (5), (6), (9) and	begin national examination procedures (35 I (21) indicated below.	5 U.S.C. 371(f)). The submission must
4. []	The US has been elected (A	vrticle 31).	
5. []	a. [] is attached heretob. [] has been commun	pplication as filed (35 U.S.C. 371(c)(2)) (required only if not communicated by the licated by the International Bureau. the application was filed in the United State	·
6. []	a. [] is attached hereto.	ion of the International Application as filed by submitted under 35 U.S.C. 154(d)(4).	(35 U.S.C. 371(c)(2)).
7. []	a. [] are attached heretob. [] have been commuc. [] have not been made	f the International Application under PCT A o (required only if not communicated by the nicated by the International Bureau. de; however, the time limit for making such de and will not be made.	International Bureau).
8. []	An English language translat	ion of the amendments to the claims under	PCT Article 19 (35 U.S.C. 371(c)(3)).
9. [X]	An oath or declaration of the	inventor(s) (35 U.S.C. 371(c)(4)).	
10. []	An English language translat Report under PCT Article 36	ion of the annexes to the International Preli (35 U.S.C. 371(c)(5)).	minary Examination
ITEMS 11	. TO 20. below concern othe	r document(s) or information included:	
11. [] 12. [] 13. [] 14. [X] 15. [] 16. []	An assignment document for 37 CFR 3.28 and 3.31 is incl A preliminary amendment. An Application Data Sheet up	nder 37 CFR 1.76.	oliance with
	A computer-readable form of and 35 U.S.C. 1.821-1.825 A second copy of the publish A second copy of the English	the sequence listing in accordance with PC ed international application under 35 U.S.C a language translation of the international a	. 154(d)(4).

`	U.S. APPLICATION	NO. (If known)	INTERNATIONAL APPLICATION NO. PCT/FR2003/001995	`	ATTORNEY DOCK 2937-128	ET NO.
	21. The following fee			. \$300.00	CALCULATIONS S	PTO USE ONLY
	If International prelimina provisions of PC	T Article 33(1)-(4)	eport prepared by USPTO and all claims satisfy		\$	
	to the USPTO as International Search Re	145(a)(2)) has bee an International S eport prepared and	en paid on the international application Search Authorityd provided to the Office	. \$400.00	s	
			TOTAL OF 2	21, 22 AND 23 =	\$	
	(excluding seque	ence listing or con	drawings filed in paper over 100 nputer program listing filed in an electronic medium). and 50 sheets of paper or fraction thereof.		\$	
	Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Rate		
	- 100 =	/ 50 =		x 250	\$	
,	Surcharge of \$130.00 for date (37 CFR 1.492(e))		ath or declaration later than 30 months from the earlies	t claimed priority	\$ 130	
	Claims	Number Filed	Number Extra	Rate		
	Total Claims	-20 =	Number Extra	X \$50.00	\$	
	Independent Claims	-3=		X \$200.00	\$	
	Multiple dependent cla	·	2)	+ \$360.00	\$	
	maniple depondent on	(o) (uppoub	\$ 130			
	Applicant claims	small entity status	\$			
				SUBTOTAL =	\$ 130	
-	Processing fee of \$130 priority date (37 CFR 1.		he English translation later than 30 months from the e	arliest claimed +	\$	
			TOTAL NA	TIONAL FEE =	\$ 130	
	Fee for recording the er accompanied by an app	nclosed assignment propriate cover she	nt (37 CFR 1.21(h)). The assignment must be eet (37 CFR 3.28, 3.31). \$40.00 per property	+	\$	
			TOTAL FEES	ENCLOSED =	\$ 130	
05/06/200 01 FC:161	; SNAJARRO 00000085	10519870	OP		Amount to be refunded	\$
VI (C.102			Amount to be charged	\$		
	b. Please of A duplication of the Deposit of Deposit of the Deposit of the Deposit of De	charge my Deposit ate copy of this sh nmissioner is here isit Account No. 02 ropriate time limi application to pe	eet is enclosed. by authorized to charge any additional fees which may 2-2135. It under 37 CFR 1.494 or 1.495 has not been met, a pending status.		dit any overpayment	nust be filed and
	Customer No. 064			Signature		\overline{A}
	Customer No. 064	4 3		Robert B.	Murray	_ `
	Rothwell, Figg, Erns	t & Manbeck		Name		
	1425 K St., N.W. Washington, D.C. 20			22,980 Registration N	Number	_
l l	Phone: 202/783-604	0				

Internationa	plication No
PCT/FR	03/01995

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 H02J7/00

下的国际

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols) IPC $7 \quad \text{H02J}$

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	DE 198 39 174 A (MICHALSKI STEFAN) 2 March 2000 (2000-03-02)	1-3, 7-13,27
Υ	column 1, line 1 -column 8, line 32; figures 1-6	4-6, 14-26
Y	WO 99 26330 A (LIFESTYLE TECHNOLOGIES) 27 May 1999 (1999-05-27) page 20, line 20 -page 71, line 31; figures 1-9	4-6
Y	DE 195 46 633 A (WITTE AND SUTOR GMBH) 18 September 1997 (1997-09-18) column 2, line 12 -column 3, line 54; figures 1-3	14,15
	-/	
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X Further documents are listed in the continuation of box C.	Patent family members are listed in annex.
 Special categories of cited documents: A document defining the general state of the art which is not considered to be of particular relevance E earlier document but published on or after the international filing date L document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) O document referring to an oral disclosure, use, exhibition or other means P document published prior to the international filing date but later than the priority date claimed 	 "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. "&" document member of the same patent family
Date of the actual completion of the international search 7 November 2003	Date of mailing of the International search report 28/11/2003
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswljk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Authorized officer Calarasanu, P

Form PCT/ISA/210 (second sheet) (July 1992)

INTERNATIONAL SEARCH REPORT

Internationa populication No PCT/FR 03/01995

		PCT/FR 03/01995
C.(Continu Category °	ation) DOCUMENTS CONSIDERED TO BE RELEVANT	
Category -	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Υ	US 5 689 412 A (CHEN) 18 November 1997 (1997-11-18) column 4, line 36 -column 7, line 12; figures 1-7C	16,17
Υ	EP 1 146 621 A (ZIP CHARGE CO. LTD) 17 October 2001 (2001-10-17) column 9, line 25 -column 24, line 57; figures 1-12	18
Υ	US 5 914 585 A (GRABON)	19,22,
Α	22 June 1999 (1999-06-22) column 4, line 50 -column 17, line 17; figures 1-17C	23,26 1-3, 7-13, 16-19
Y	US 6 137 280 A (ACKERMANN ET AL) 24 October 2000 (2000-10-24) column 4, line 45 -column 14, line 3; figures 1-7B	20,21,25
Υ	US 5 610 496 A (HOFBAUER ET AL) 11 March 1997 (1997-03-11) column 2, line 5 -column 4, line 31; figures 1-5	24
Ρ,Χ	DE 101 03 200 A (GEOMETRIE CONCERN) 1 August 2002 (2002-08-01)	1,2,4-6, 8-10,20,
Υ	column 6, line 37 -column 8, line 46; figures 1-5	21,26,27 25
P,Y	US 6 504 343 B1 (CHANG) 7 January 2003 (2003-01-07) column 2, line 61 -column 6, line 37; figures 1-5	25
P,X	US 2002/113578 A1 (HANSMANN ET AL) 3 August 2002 (2002-08-03)	1,3,8,9, 16-18,
	the whole document	25,27

INTERNATIONAL SEARCH REPORT

Internationa Splication No PCT/FR 03/01995

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Patent document cited in search report		Publication date		Patent family member(s)		Publication date
DE 19839174	Α	02-03-2000	DE	19839174	A1	02-03-2000
WO 9926330	Α	27-05-1999	AU	1699499		07-06-1999
			CA	2317560		27-05-1999
			EP	1032964		06-09-2000
			MO	9926330		27-05-1999
			US 	6459175	B1	01-10-2002
DE 19546633	Α	18-09-1997	DE	19546633	A1	18-09-1997
US 5689412	Α	18-11-1997	NONE			
EP 1146621	Α	17-10-2001	AU	3511701	Α	18-10-2001
			CA	2344024	A1	14-10-2001
			EP	1146621		17-10-2001
			JP	2002027678		25-01-2002
			US	2001045813	A1	29-11-2001
US 5914585	A	22-06-1999	NONE			
US 6137280	Α	24-10-2000	NONE			- i i
US 5610496	Α	11-03-1997	NONE			-
DE 10103200	Α	01-08-2002	DE	10103200	A1	01-08-2002
US 6504343	B1	07-01-2003	TW	535345	В	01-06-2003
US 2002113578	A1	22-08-2002	NONE			- — — — — — — — — — — — — — — — — — — —

RAPPORT DE RECHERCHE INTERNATIONALE

Demande In Stationale No PCT/FR 03/01995

A. CLASSEMENT DE L'OBJET DE LA DEMANDE CIB 7 H02J7/00

Selon la classification internationale des brevets (CIB) ou à la fois selon la classification nationale et la CIB

B. DOMAINES SUR LESQUELS LA RECHERCHE A PORTE

Documentation minimale consultée (système de classification suivi des symboles de classement) CIB 7 H02J

Documentation consultée autre que la documentation minimale dans la mesure où ces documents relèvent des domaines sur lesquels a porté la recherche

Base de données électronique consultée au cours de la recherche internationale (nom de la base de données, et si réalisable, termes de recherche utilisés) EPO-Internal, WPI Data, PAJ

C. DOCOMENIS	CONSIDERES	COMME PE	HIINENTS

Catégorie °	Identification des documents cités, avec, le cas échéant, l'indication des passages pertinents	no. des revendications visées
X	DE 198 39 174 A (MICHALSKI STEFAN) 2 mars 2000 (2000-03-02)	1-3, 7-13,27
Υ	colonne 1, ligne 1 -colonne 8, ligne 32; figures 1-6	4-6, 14-26
Υ	WO 99 26330 A (LIFESTYLE TECHNOLOGIES) 27 mai 1999 (1999-05-27) page 20, ligne 20 -page 71, ligne 31; figures 1-9	4-6
Υ	DE 195 46 633 A (WITTE AND SUTOR GMBH) 18 septembre 1997 (1997-09-18) colonne 2, ligne 12 -colonne 3, ligne 54; figures 1-3	14,15
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X Voir la suite du cadre C pour la fin de la liste des documents	Les documents de familles de brevets sont indiqués en annexe
L document pouvant jeter un doute sur une revendication de priorité ou cité pour déterminer la date de publication d'une autre citation ou pour une raison spéciale (telle qu'indiquée) 'O' document se référant à une divulgation orale, à un usage, à une exposition ou tous autres moyens 'P' document publié avant la date de dépôt international, mais postérieurement à la date de priorité revendiquée	document ultérieur publié après la date de dépôt international ou la date de priorité et n'appartenenant pas à l'état de la technique perfinent, mais cité pour comprendre le principe ou la théorie constituant la base de l'invention K* document particulièrement pertinent; l'invention revendiquée ne peut être considérée comme nouveile ou comme impliquant une activité inventive par rapport au document considéré isolément document particulièrement pertinent; l'invention revendiquée ne peut être considérée comme impliquant une activité inventive lorsque le document est associé à un ou plusieurs autres documents de même nature, cette combinaison étant évidente pour une personne du métier & document qui fait partie de la même famille de brevets
Date à laquelle la recherche internationale a été effectivement achevée 7 novembre 2003	Date d'expédition du présent rapport de recherche internationale 28/11/2003
Nom et adresse postale de l'administration chargée de la recherche internationale Office Européen des Brevets, P.B. 5818 Patentiaan 2 NL – 2280 HV Rijswijk Tel. (+31–70) 340–2040, Tx. 31 651 epo nl, Fax: (+31–70) 340–3016	Fonctionnaire autorisé Calarasanu, P

RAPPORT DE RECHERCHE INTERNATIONALE

Demande In mationale No PCT/FR 03/01995

C.(sulte) D	OCUMENTS CONSIDERES COMME PERTINENTS	03/01995
Catégorie °		no. des revendications visées
Υ	US 5 689 412 A (CHEN) 18 novembre 1997 (1997-11-18) colonne 4, ligne 36 -colonne 7, ligne 12; figures 1-7C	16,17
Υ	EP 1 146 621 A (ZIP CHARGE CO. LTD) 17 octobre 2001 (2001-10-17) colonne 9, ligne 25 -colonne 24, ligne 57; figures 1-12	18
Y A	US 5 914 585 A (GRABON) 22 juin 1999 (1999-06-22) colonne 4, ligne 50 -colonne 17, ligne 17; figures 1-17C	19,22, 23,26 1-3, 7-13, 16-19
Υ	US 6 137 280 A (ACKERMANN ET AL) 24 octobre 2000 (2000-10-24) colonne 4, ligne 45 -colonne 14, ligne 3; figures 1-7B	20,21,25
Υ	US 5 610 496 A (HOFBAUER ET AL) 11 mars 1997 (1997-03-11) colonne 2, ligne 5 -colonne 4, ligne 31; figures 1-5	24
P,X	DE 101 03 200 A (GEOMETRIE CONCERN) 1 août 2002 (2002-08-01)	1,2,4-6, 8-10,20, 21,26,27
Υ	colonne 6, ligne 37 -colonne 8, ligne 46; figures 1-5	25
P,Y	US 6 504 343 B1 (CHANG) 7 janvier 2003 (2003-01-07) colonne 2, ligne 61 -colonne 6, ligne 37; figures 1-5	25
Ρ,Χ	US 2002/113578 A1 (HANSMANN ET AL) 3 août 2002 (2002-08-03)	1,3,8,9, 16-18,
	le document en entier	25,27

RAPPORT DE RECHERCHE INTERNATIONALE Demande I

Demande Il nationale No PCT/FR 03/01995

				1 '	4. 7.1.10	03/01933
Document brevet cité u rapport de recherche		Date de publication		Membre(s) de la famille de brevet(s)		Date de publication
DE 19839174	Α	02-03-2000	DE	19839174	A1	02-03-2000
WO 9926330	Α	27-05-1999	AU	1699499		07-06-1999
			CA	2317560		27-05-1999
			EP	1032964		06-09-2000
			WO	9926330		27-05-1999
			US	6459175	B1	01-10-2002
DE 19546633	Α	18-09-1997	DE	19546633	A1	18-09-1997
US 5689412 .	Α	18-11-1997	AUCL	IN	····	
EP 1146621	Α	17-10-2001	AU	3511701	A	18-10-2001
			CA	2344024	A1	14-10-2001
			ΕP	1146621	A2	17-10-2001
			JP	2002027678	Α	25-01-2002
			US	2001045813	A1	29-11-2001
US 5914585	A	22-06-1999	AUCL	JN		
US 6137280	A	24-10-2000	AUCI	JN		
US 5610496	Α	11-03-1997	AUCI	JN		
DE 10103200	Α	01-08-2002	DE	10103200	A1	01-08-2002
US 6504343	B1	07-01-2003	TW	535345	В	01-06-2003
US 2002113578	A1	22-08-2002	AUC	 JN		

Translation

PATENT COOPERATION TREATY



PCT

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

(PCT Article 36 and Rule 70)

Applicant's or agent's file reference 19711PC FRTL	FOR FURTHER ACTION Destination Report (Form PCT/IPEA/416) 1							
International application No.	International filing date (day/month/year) Price		Priority date (day/month/year)					
PCT/FR2003/001995	27 juin 2003 (2	7.06.2003)	01 juillet 2002 (01.07.2002)					
International Patent Classification (IPC) or national classification and IPC H02J 7/00								
Applicant FRANCE TELECOM								
 This international preliminary examination report has been prepared by this International Preliminary Examining Authority and is transmitted to the applicant according to Article 36. This REPORT consists of a total of5 sheets, including this cover sheet. 								
			I					
This report is also accompanied by ANNEXES, i.e., sheets of the description, claims and/or drawings which have been amended and are the basis for this report and/or sheets containing rectifications made before this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions under the PCT).								
These annexes consist of a total of sheets.								
3. This report contains indications rel	ating to the following item	s:						
I Basis of the report								
II Priority								
III Non-establishmen	t of opinion with regard to	novelty, inventive s	tep and industrial applicability					
1 1 1								
V Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement								
VI Certain documents cited								
VII Certain defects in	the international application	on						
VIII Certain observations on the international application								
Date of submission of the demand		Date of completion	of this report					
08 janvier 2004 (08.01.2004)			November 2004 (17.11.2004)					
Name and mailing address of the IPEA/EP		Authorized officer						
Facsimile No.		Telephone No.						

International application No.

PCT/FR2003/001995

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

1. Basis of the report									
1. With regard to the elements of the international application:*									
\triangleright	\triangleleft	the inte	mational application as originally filed						
Ē	$\overline{\overline{A}}$	the des	cription:						
<u> </u>	_`	pages	1-11		, as originally filed				
		pages			, filed with the demand				
		pages	, filed with the letter o	f					
r	7	the clai							
Ľ	7				, as originally filed				
		pages, as amended (together with any statement under Artic							
		pages			, filed with the demand				
		pages	1-25 , filed with the letter o	of 11 August	2004 (11.08.2004)				
r	\triangleleft	-	•						
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		pages pages	1/3-3/3		, filed with the demand				
		pages	, filed with the letter o	of					
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		pages			, as originally filed				
		pages	Glad with the letter of						
		pages	, filed with the letter of						
t : ::::::::::::::::::::::::::::::::::	he in These	the lar the lar the lar the lar or 55.2	nguage of a translation furnished for the purposes of international search (under nguage of publication of the international application (under Rule 48.3(b)). Inguage of the translation furnished for the purposes of international preliminational prelimination p	er Rule 23.1(b)).	which is: (under Rule 55.2 and/				
 	prelii	minary e	examination was carried out on the basis of the sequence listing:	11	-				
	님		ned in the international application in written form.						
	H		ogether with the international application in computer readable form.						
	H		hed subsequently to this Authority in written form.						
	님		hed subsequently to this Authority in computer readable form.	not as bause	the disclosure in the				
-		intern	statement that the subsequently furnished written sequence listing does ational application as filed has been furnished.						
	Ц		statement that the information recorded in computer readable form is iden furnished.	tical to the writt	en sequence listing has				
4.		The a	mendments have resulted in the cancellation of:						
			the description, pages						
		\sqcap	the claims, Nos.						
		Ħ	the drawings, sheets/fig						
5.		This re	eport has been established as if (some of) the amendments had not been maded the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).	de, since they hav	e been considered to go				
* Replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to this report since they do not contain amendments (Rule 70.16 and 70.17).									
** Any replacement sheet containing such amendments must be referred to under item 1 and annexed to this report.									
1									

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

International application No.
PCT/FR 03/01995

V.	Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement						
1.	Statement						
	Novelty (N)	Claims	1-25	YES			
		Claims		NO			
	Inventive step (IS)	Claims	1-25	YES			
		Claims		NO NO			
	Industrial applicability (IA)	Claims	1-25	YES			
		Claims		NO			

- 2. Citations and explanations
 - 1. Reference is made to the following document: D1: WO 9926330
 - 2. D1 (page 20, line 20 to page 124, line 19; figures 1 to 14), which is considered to be the prior art closest to the subject matter of claim 1, describes (the references between parentheses apply to said document) a recharging apparatus with a portable charger including:
 - a connection (AC/DC converter, figure 6-2) to a power supply;
 - a plurality of points (Variable High-Voltage DC outputs, Variable Low-Voltage outputs) for connecting rechargeable portable devices having different uses;
 - an adapter, which draws power from the power supply and adapts it to the recharging power supply of the rechargeable portable devices, said adapter including a microprocessor (figure 10);
 - a converter (DC/DC converter, figure 6-2 or Controllable Regulator, figure 10) provided with a plurality of outputs for supplying voltages and currents suitable for the devices to be recharged, the adapter adapting the charging

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

International application No. PCT/FR 03/01995

- 4.2 Independent claim 1 has not been drafted in two parts, as required by PCT Rule 6.3(b), yet such a drafting would appear to be appropriate in this particular case, with a preamble containing the combination of features known from the prior art (D1) (PCT Rule 6.3(b)(i)), and a characterising part containing the remaining features (PCT Rule 6.3(b)(ii)).
- 4.3 Contrary to the requirements of PCT Rule
 5.1(a)(iii), the description is not consistent with
 the claims, since in the first part a charger is
 mentioned and not a recharging apparatus.
- 4.4 Contrary to the requirements of PCT Rule 5.1(a)(iii), the description is not consistent with the claims.
- 4.5 Figures 3 to 6 are not drawn up in accordance with PCT Rule 11.13.